

Clean version of all pending claim

81. A method of inducing apoptosis of a cell, said method comprising expressing in said cell a nucleic acid encoding a polypeptide comprising the sequence of SEQ ID NO.: 4 and capable of inducing apoptosis, said nucleic acid operably linked to a heterologous regulatory sequence for expression of said polypeptide, wherein expressing said nucleic acid in said cell induces apoptosis of said cell.

84. A method of inducing apoptosis of a cell, said method comprising expressing in said cell a nucleic acid encoding a polypeptide having the sequence of SEQ ID NO.: 4 and capable of inducing apoptosis, said nucleic acid operably linked to a heterologous regulatory sequence for expression of said polypeptide, wherein expressing said nucleic acid in said cell induces apoptosis of said cell.

85. The method of claim 81 or 84, wherein said regulatory sequence is capable of expressing said nucleic acid in a constitutive, inducible, or cell-type specific manner.

86. The method of claim 81 or 84, wherein said nucleic acid is in an adenoviral vector or a retroviral vector.

87. The method of claim 81 or 84, wherein said cell is a cancer cell.

88. A pharmaceutical composition comprising (i) an expression vector comprising a nucleic acid encoding a polypeptide comprising the sequence of SEQ ID NO.: 4 and capable of inducing apoptosis, and (ii) a pharmaceutically acceptable carrier, wherein said nucleic acid is operably linked to a heterologous regulatory sequence for expression of said polypeptide in a mammalian cell.

89. A pharmaceutical composition comprising (i) an expression vector comprising a nucleic acid encoding a polypeptide having the sequence of SEQ ID NO.: 4 and capable of inducing apoptosis, and (ii) a pharmaceutically acceptable carrier, wherein said nucleic acid is operably linked to a heterologous regulatory sequence for expression of said polypeptide in a mammalian cell.

92. The composition of claim 88 or 89, wherein said regulatory sequence is capable of expressing said nucleic acid in a constitutive, inducible, or cell-type specific manner.

93. The composition of claim 88 or 89, wherein said nucleic acid is in an adenoviral vector or a retroviral vector.

95. An expression vector comprising a nucleic acid encoding a polypeptide comprising the sequence of SEQ ID NO.: 4 and capable of inducing apoptosis, wherein said nucleic acid is operably linked to a heterologous regulatory sequence for expression of said polypeptide in a mammalian cell.

96. An expression vector comprising a nucleic acid encoding a polypeptide having the sequence of SEQ ID NO.: 4 and capable of inducing apoptosis, wherein said nucleic acid is operably linked to a heterologous regulatory sequence for expression of said polypeptide in a mammalian cell.

99. The expression vector of claim 95 or 96, wherein said regulatory sequence is capable of expressing said nucleic acid in a constitutive, inducible, or cell-type specific manner.

100. The expression vector of claim 95 and 96, wherein said expression vector is an adenoviral vector or a retroviral vector.